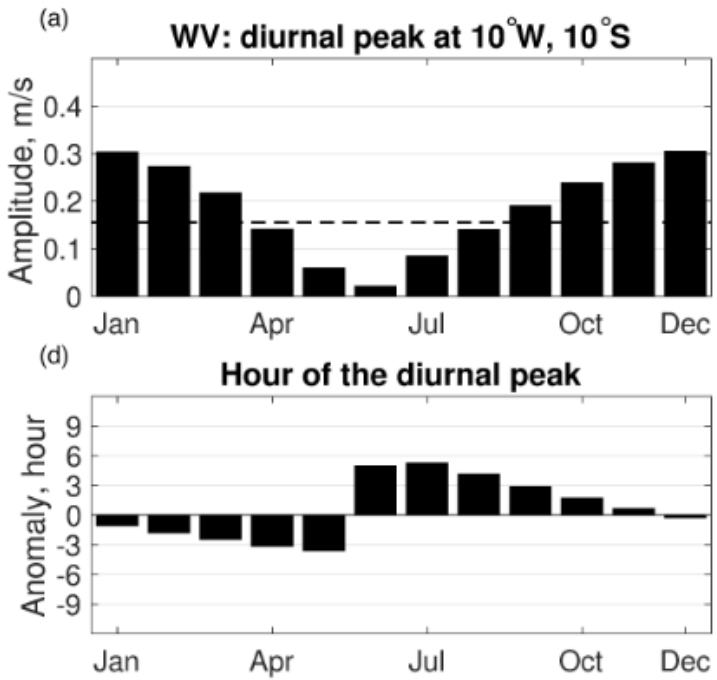


# Annual modulation of diurnal winds in the tropical oceans



Winds undergo strong diurnal cycles that vary seasonally in amplitude and timing.

Characteristics of this are analyzed from mooring data from the tropics.

The time-varying diurnal cycle poses a challenge for analyzing temporally sparse satellite wind observations.

The amplitude of the diurnal cycle varies seasonally by as much as 40 cm/s.

